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Piranha Ironworker Safety Guard

Installation Instructions

Model P-50

Thank you for purchasing our safety guard system specifically designed for the Piranha P-50 ironworker. The safety guard kit is designed for easy installation and precise fit parts. This manual has been made to help with the installation of the safety guarding system.

If you have any further questions do not hesitate to contact us at the following number or by visiting our website at <http://www.ferndalesafety.com/>.

Technical Support Phone Number

855-326-1243

Identification of parts

You should have the following parts with your Piranha P-50 safety guarding kit.

- 1x guard for front side of shear table (fig. 1)
- 1x guard for rear side of shear table (fig. 2)
- 1x guard for punch end of machine (fig. 3)
- 1x guard for coper end of machine (fig. 4)
- 4x 5/8-11 bolts (fig. 5)
- 4x washers for 5/8-11 bolts (fig. 5)
- 6x M6x1 screws (fig. 6)
- 6x lock washers for M6x1 screws (fig. 6)

Certain tools may be required for installation of the Piranha safety guarding system.
Tools that may be required for installation:

- 1x Power drill
- 1x tap and drill for M6x1
- 1x set of Allen keys

Please note that safety guard modifications may be required to accommodate certain factory or custom attachments and machine upgrades.

Identification of parts (Continued...)



fig. 1 - Shear guard (Front)



fig. 2 - Shear guard (Rear)



fig. 3 - Guard for punch end of machine



fig. 4 - Guard for cover end of machine



fig. 5 - 5/8-11 bolts and washers



fig. 6 - M6x1 screws and lock washers

Installation

Step 1 – Installation of front shear guard.

The front shear guard is manufactured to slide onto the table snugly

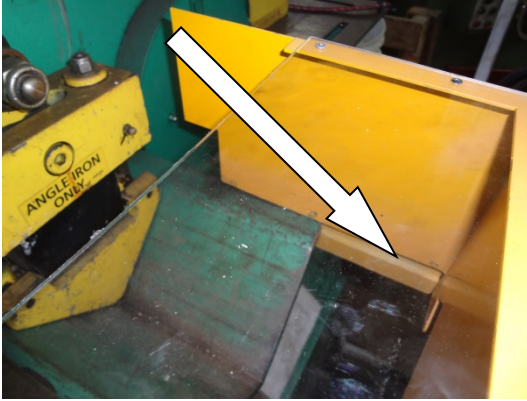


Fig. 7 – Take notice of the track on the guard. This track should fit over the table closest to the coping side of the machine. The other side of this guard also has a lip that rests on the table closest to the punch side of the machine.

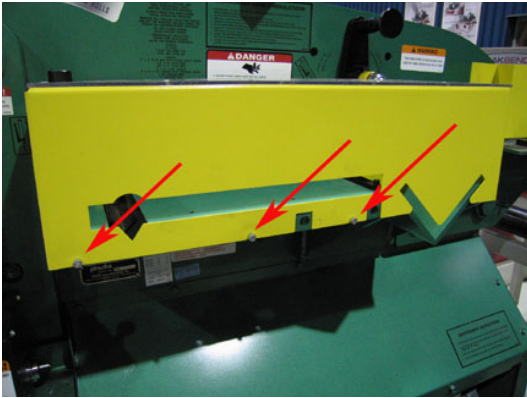


Fig. 8 – Drill and tap holes in the locations shown and use screws to secure the guard to the machine.

Installation (Continued...)

Step 2 – Installation of rear shear guard

The rear shear guard is manufactured to fit precisely in place. The guard has two pre-made mounting holes that use existing bolts on the machine for installation. This guard is located on the back side of the shear guard where material to be sheared exits.



Fig. 9 - Hold up the guard to the machine and determine which two existing bolts to remove for guard installation. Remove the two bolts and install the safety guard using the same bolts. Make sure the bolts are tightened properly.



Fig. 10 – Close up of installation bolt. The safety flaps can be lifted up to access the bolts underneath.

Installation (Continued...)

Step 3 – Installation of punch guard

The punch guard is manufactured to fit precisely in place and has pre drilled mounting holes. Use the four 5/8-11 bolts and washers to secure the guard to factory provided tapped holes located on the punch table as shown in the fig. 11 and fig. 12.



Fig. 11 – Use the four 5/8-11 bolts and washers (provided) to mount the guard directly to the punch side table.

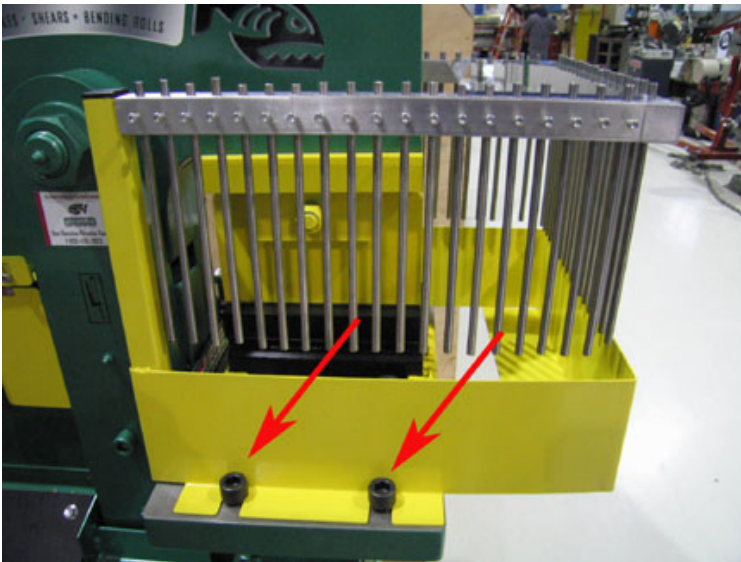


Fig. 12 – Location of mount points

Installation (Continued...)

Step 4 – Installation of punch guard

The Piranha punch guard prevents access to the cutter as well as prevents any flying debris from traveling past the guard towards the operator.



Fig. 13 – Place the guard as shown in the photo

Leave a $\frac{3}{4}$ " gap between the table and the guard to allow material to be fed underneath.

You will find six screw holes located on the back side of the guard. These pre-drilled holes will be used to mount the guard on the bearing base of the rocker arm. Use the provided M6 screws to mount the guard if screw holes are already present or drill and tap new holes if needed. See figure 14 and 15 to identify the mounting points.

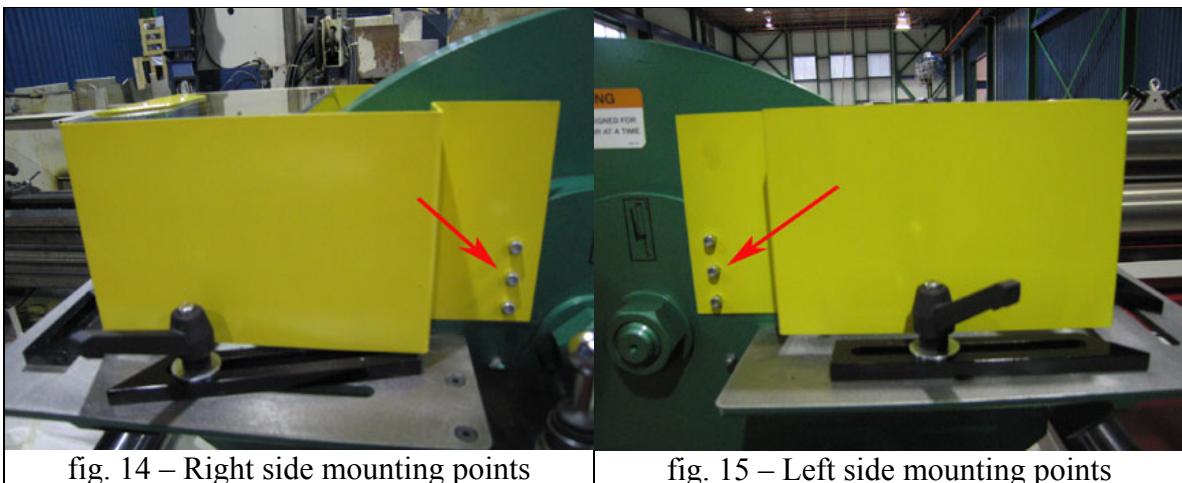


fig. 14 – Right side mounting points

fig. 15 – Left side mounting points